

## WEST Search History for Application 10595101

Creation Date: 2009103018:01

### Prior Art Searches

| Query  | DB  | Op. | Plur. | Thes. | Date       |
|--|---|-----|-------|-------|------------|
| phase inversion temperature  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
| pit  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
| (pit ) or (phase inversion temperature )                                   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
| (pit or phase inversion temperature ) near5 emulsion                       | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
| droplet size   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
| (droplet size ) near5 (pit or phase inversion temperature near5 emulsion ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES   |       | 10-30-2009 |
|  |   | ADJ | YES   |       | 10-30-2009 |

|   |   |     |     |  |            |
|---|---|-----|-----|--|------------|
| (droplet size near5 pit or phase inversion temperature near5 emulsion ) and @ay<2005  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI |     |     |  |            |
| (droplet size ) same (pit or phase inversion temperature near5 emulsion )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (droplet size same pit or phase inversion temperature near5 emulsion ) and @ay<2005   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (droplet size same pit or phase inversion temperature near5 emulsion and @ay<2005 ) not<br>(droplet size near5 pit or phase inversion temperature near5 emulsion and @ay<2005 )     | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| droplet near5 size  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (droplet near5 size ) and (pit or phase inversion temperature near5 emulsion )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (droplet near5 size and pit or phase inversion temperature near5 emulsion ) and @ay<2005  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (droplet near5 size and pit or phase inversion temperature near5 emulsion and @ay<2005 ) not<br>(droplet size same pit or phase inversion temperature near5 emulsion and @ay<2005 ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,                  | ADJ | YES |  | 10-30-2009 |

|   |   |     |     |  |            |
|---|---|-----|-----|--|------------|
|   | JPAB,<br>DWPI                                     |     |     |  |            |
| <b>fatty acid near5 ester</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(fatty acid near5 ester ) and (pit or phase inversion temperature near5 emulsion )</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(fatty acid near5 ester ) same (pit or phase inversion temperature near5 emulsion )</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(fatty acid near5 ester same pit or phase inversion temperature near5 emulsion ) and (droplet near5 size and pit or phase inversion temperature near5 emulsion and @ay&lt;2005 not droplet size same pit or phase inversion temperature near5 emulsion and @ay&lt;2005 )</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(fatty acid near5 ester and pit or phase inversion temperature near5 emulsion ) and (droplet near5 size )</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(fatty acid near5 ester and pit or phase inversion temperature near5 emulsion and droplet near5 size ) and @ay&lt;2005</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>emulsifier</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
|   |   | ADJ | YES |  | 10-30-2009 |

|  |   |     |     |  |            |
|--|---|-----|-----|--|------------|
| (emulsifier ) same (pit or phase inversion temperature near5 emulsion )                    | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI |     |     |  |            |
| (emulsifier same pit or phase inversion temperature near5 emulsion ) and hlb               | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (emulsifier same pit or phase inversion temperature near5 emulsion ) same hlb              | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (emulsifier same pit or phase inversion temperature near5 emulsion same hlb ) and @ay<2005 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| emulsifying agent  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (emulsifying agent ) same (pit or phase inversion temperature near5 emulsion )             | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| "o/w"  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| ("o/w" ) near5 emulsion  | PGPB,<br>USPT,<br>USOC,<br>EPAB,                  | ADJ | YES |  | 10-30-2009 |

|  |   |     |     |  |            |
|--|---|-----|-----|--|------------|
|  | JPAB,<br>DWPI                                     |     |     |  |            |
| ("o/w" near5 emulsion ) smae droplet size  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| ("o/w" near5 emulsion ) same (droplet near5 size )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| oil same (fatty acid near5 ester )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (oil same fatty acid near5 ester ) and ("o/w" near5 emulsion same droplet near5 size )           | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (oil same fatty acid near5 ester and "o/w" near5 emulsion same droplet near5 size ) and @ay<2005 | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (emulsifier ) or (emulsifying agent )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| (emulsifier or emulsifying agent ) near5 system  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
|  |   | ADJ | YES |  | 10-30-2009 |

|  |   |     |     |  |            |
|--|---|-----|-----|--|------------|
| <b>(emulsifier or emulsifying agent near5 system )<br/>same hlb</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI |     |     |  |            |
| <b>(emulsifier or emulsifying agent near5 system same<br/>hlb ) and (pit or phase inversion temperature near5<br/>emulsion )</b>         | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>co-emulsifier or coemulsifier</b>   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(co-emulsifier or coemulsifier ) and (pit or phase<br/>inversion temperature near5 emulsion )</b>                                     | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(co-emulsifier or coemulsifier and pit or phase<br/>inversion temperature near5 emulsion ) and hlb</b>                                | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(co-emulsifier or coemulsifier ) and hlb</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(co-emulsifier or coemulsifier and hlb ) and (pit or<br/>phase inversion temperature near5 emulsion )</b>                             | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(co-emulsifier or coemulsifier and hlb and pit or<br/>phase inversion temperature near5 emulsion ) and<br/>fatty acid near5 ester</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,                  | ADJ | YES |  | 10-30-2009 |

|  |   |     |     |  |            |
|--|---|-----|-----|--|------------|
|  | JPAB,<br>DWPI                                     |     |     |  |            |
| <b>(co-emulsifier or coemulsifier and hlb and pit or phase inversion temperature near5 emulsion and fatty acid near5 ester ) and @ay&lt;2005</b> | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>weiss-a\$.in. or mueller-m\$.in. or dubreucq-e\$.in. or moulin-g\$.in.</b>  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |
| <b>(weiss-a\$.in. or mueller-m\$.in. or dubreucq-e\$.in. or moulin-g\$.in. ) and (phase inversion temperature )</b>                              | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI | ADJ | YES |  | 10-30-2009 |